

Hsien-Yi Chiu

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

1,827
citations

257450

24
h-index

315739

38
g-index

94
all docs

94
docs citations

94
times ranked

2583
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Scalable production of controllable dermal papilla spheroids on PVA surfaces and the effects of spheroid size on hair follicle regeneration. <i>Biomaterials</i> , 2013, 34, 442-451. | 11.4 | 89 |
| 2 | Increased risk of glomerulonephritis and chronic kidney disease in relation to the severity of psoriasis, concomitant medication, and comorbidity: a nationwide population-based cohort study. <i>British Journal of Dermatology</i> , 2015, 173, 146-154. | 1.5 | 87 |
| 3 | Increased Risk of Chronic Kidney Disease in Rheumatoid Arthritis Associated with Cardiovascular Complications – A National Population-Based Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0136508. | 2.5 | 83 |
| 4 | Wound Healing in Streptozotocin-Induced Diabetic Rats Using Atmospheric-Pressure Argon Plasma Jet. <i>Scientific Reports</i> , 2018, 8, 12214. | 3.3 | 82 |
| 5 | Human leucocyte antigen-Cw6 as a predictor for clinical response to ustekinumab, an interleukin-12/23 blocker, in Chinese patients with psoriasis: a retrospective analysis. <i>British Journal of Dermatology</i> , 2014, 171, 1181-1188. | 1.5 | 78 |
| 6 | Correlation of IL36RN mutation with different clinical features of pustular psoriasis in Chinese patients. <i>Archives of Dermatological Research</i> , 2016, 308, 55-63. | 1.9 | 68 |
| 7 | Simultaneous drug delivery and cellular imaging using graphene oxide. <i>Biomaterials Science</i> , 2018, 6, 813-819. | 5.4 | 59 |
| 8 | Noninvasive Glucose Monitoring with a Contact Lens and Smartphone. <i>Sensors</i> , 2018, 18, 3208. | 3.8 | 59 |
| 9 | Use of anti-tumor necrosis factor therapy in hepatitis B virus carriers with psoriasis or psoriatic arthritis: A case series in Taiwan. <i>Journal of Dermatology</i> , 2012, 39, 269-273. | 1.2 | 55 |
| 10 | Safety Profile of Secukinumab in Treatment of Patients with Psoriasis and Concurrent Hepatitis B or C: A Multicentric Prospective Cohort Study. <i>Acta Dermato-Venereologica</i> , 2018, 98, 829-834. | 1.3 | 55 |
| 11 | Hydrogel Micropatch and Mass Spectrometry-Assisted Screening for Psoriasis-Related Skin Metabolites. <i>Clinical Chemistry</i> , 2016, 62, 1120-1128. | 3.2 | 52 |
| 12 | T helper type 17 in psoriasis: From basic immunology to clinical practice. <i>Dermatologica Sinica</i> , 2012, 30, 136-141. | 0.5 | 45 |
| 13 | Gut Microbiome in Psoriasis is Perturbed Differently During Secukinumab and Ustekinumab Therapy and Associated with Response to Treatment. <i>Clinical Drug Investigation</i> , 2019, 39, 1195-1203. | 2.2 | 44 |
| 14 | Increased risk of arrhythmia in patients with psoriatic disease: A nationwide population-based matched cohort study. <i>Journal of the American Academy of Dermatology</i> , 2015, 73, 429-438. | 1.2 | 43 |
| 15 | Stress-induced premature senescence of dermal papilla cells compromises hair follicle epithelial-mesenchymal interaction. <i>Journal of Dermatological Science</i> , 2017, 86, 114-122. | 1.9 | 40 |
| 16 | Efficacy and Safety of a Low-Level Light Therapy for Androgenetic Alopecia: A 24-Week, Randomized, Double-Blind, Self-Comparison, Sham Device-Controlled Trial. <i>Dermatologic Surgery</i> , 2018, 44, 1411-1420. | 0.8 | 40 |
| 17 | Skin Metabolomics. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 66-75. | 7.1 | 39 |
| 18 | Associations of chronic urticaria with atopic and autoimmune comorbidities: a nationwide population-based study. <i>International Journal of Dermatology</i> , 2018, 57, 822-829. | 1.0 | 38 |

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|----|--|-----|-----------|
| 19 | The Association between Clinical Response to Ustekinumab and Immunogenicity to Ustekinumab and Prior Adalimumab. <i>PLoS ONE</i> , 2015, 10, e0142930. | 2.5 | 36 |
| 20 | Mobilizing Transit-Amplifying Cell-Derived Ectopic Progenitors Prevents Hair Loss from Chemotherapy or Radiation Therapy. <i>Cancer Research</i> , 2017, 77, 6083-6096. | 0.9 | 36 |
| 21 | Psoriasis in Taiwan: From epidemiology to new treatments. <i>Dermatologica Sinica</i> , 2018, 36, 115-123. | 0.5 | 35 |
| 22 | Effectiveness and safety of secukinumab for psoriasis in real-world practice: analysis of subgroups stratified by prior biologic failure or reimbursement. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231984375. | 2.5 | 33 |
| 23 | Micropatch arrays for non-invasive spatial and temporal profiling of topical drugs on skin surface. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1321-1325. | 1.6 | 27 |
| 24 | Probing Skin for Metabolites and Topical Drugs with Hydrogel Micropatches. <i>Analytical Chemistry</i> , 2017, 89, 2664-2670. | 6.5 | 27 |
| 25 | Concomitant Sleep Disorders Significantly Increase the Risk of Cardiovascular Disease in Patients with Psoriasis. <i>PLoS ONE</i> , 2016, 11, e0146462. | 2.5 | 27 |
| 26 | Predictors of hepatitis B and C virus reactivation in patients with psoriasis treated with biologic agents: a 9-year multicenter cohort study. <i>Journal of the American Academy of Dermatology</i> , 2021, 85, 337-344. | 1.2 | 25 |
| 27 | Serial QuantiFERON-TB Gold testing in patients with psoriasis treated with ustekinumab. <i>PLoS ONE</i> , 2017, 12, e0184178. | 2.5 | 24 |
| 28 | Pityriasis rubra pilaris with polyarthritis treated with adalimumab. <i>Journal of the American Academy of Dermatology</i> , 2013, 68, 187-188. | 1.2 | 23 |
| 29 | Risk Factor Analysis for the Immunogenicity of Adalimumab Associated with Decreased Clinical Response in Chinese Patients with Psoriasis. <i>Acta Dermato-Venereologica</i> , 2015, 95, 711-716. | 1.3 | 23 |
| 30 | Impact of previous biologic use and body weight on the effectiveness of guselkumab in moderate-to-severe plaque psoriasis: a real-world practice. <i>Therapeutic Advances in Chronic Disease</i> , 2021, 12, 204062232110466. | 2.5 | 22 |
| 31 | Concurrent Cytomegalovirus and Herpes Simplex Virus Infection in Pemphigus Vulgaris Treated with Rituximab and Prednisolone. <i>Acta Dermato-Venereologica</i> , 2013, 93, 200-201. | 1.3 | 21 |
| 32 | Topical use of systemic drugs in dermatology: A comprehensive review. <i>Journal of the American Academy of Dermatology</i> , 2011, 65, 1048.e1-1048.e22. | 1.2 | 20 |
| 33 | Enhancing hair follicle regeneration by nonablative fractional laser: Assessment of irradiation parameters and tissue response. <i>Lasers in Surgery and Medicine</i> , 2015, 47, 331-341. | 2.1 | 20 |
| 34 | Scalp melanoma in a woman with LEOPARD syndrome: Possible implication of PTPN11 signaling in melanoma pathogenesis. <i>Journal of the American Academy of Dermatology</i> , 2013, 69, e186-e187. | 1.2 | 18 |
| 35 | The seroconversion rate of QuantiFERON-TB Gold In-Tube test in psoriatic patients receiving secukinumab and ixekizumab, the anti-interleukin-17A monoclonal antibodies. <i>PLoS ONE</i> , 2019, 14, e0225112. | 2.5 | 18 |
| 36 | Treatment of acquired reactive perforating collagenosis with allopurinol incidentally improves scleredema diabeticorum. <i>Journal of the American Academy of Dermatology</i> , 2011, 65, e115-e117. | 1.2 | 16 |

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|----|--|-----|-----------|
| 37 | Practical experience of ustekinumab in patients with moderate-to-severe psoriasis who had inadequate therapeutic response to previous tumor necrosis factor blockers. <i>Dermatologica Sinica</i> , 2015, 33, 5-10. | 0.5 | 14 |
| 38 | Severity of periodontitis and salivary interleukin-1 β are associated with psoriasis involvement. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 1908-1916. | 1.7 | 14 |
| 39 | A Crusted Plaque on the Right Nipple. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 403. | 7.4 | 13 |
| 40 | Increased risk of aortic aneurysm (AA) in relation to the severity of psoriasis: A national population-based matched-cohort study. <i>Journal of the American Academy of Dermatology</i> , 2016, 75, 747-754. | 1.2 | 13 |
| 41 | Predictors of time to relapse following ustekinumab withdrawal in patients with psoriasis who had responded to therapy: An 8-year multicenter study. <i>Journal of the American Academy of Dermatology</i> , 2023, 88, 71-78. | 1.2 | 13 |
| 42 | Recommendations for psoriatic arthritis management: A joint position paper of the Taiwan Rheumatology Association and the Taiwanese Association for Psoriasis and Skin Immunology. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 926-938. | 1.7 | 13 |
| 43 | Temporal Correlations of Skin and Blood Metabolites with Clinical Outcomes of Biologic Therapy in Psoriasis. <i>Journal of applied laboratory medicine</i> , The, 2020, 5, 877-888. | 1.3 | 12 |
| 44 | The impact of secukinumab treatment on the prevalence of human papillomavirus in patients with psoriasis: A pilot study. <i>Journal of the American Academy of Dermatology</i> , 2016, 75, 224-226. | 1.2 | 11 |
| 45 | Psoriasis is associated with a greater risk for cardiovascular procedure and surgery in patients with hypertension: A nationwide cohort study. <i>Journal of Dermatology</i> , 2018, 45, 1381-1388. | 1.2 | 11 |
| 46 | Clinical Features and Genetic Polymorphism in Chinese Patients with Erythrodermic Psoriasis in a Single Dermatologic Clinic. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 85-93. | 3.8 | 11 |
| 47 | Secukinumab in psoriasis patients with prior ustekinumab treatment: Results of a single-center experience. <i>Dermatologica Sinica</i> , 2017, 35, 25-29. | 0.5 | 10 |
| 48 | Correlation of thiopurine methyltransferase and inosine triphosphate pyrophosphatase polymorphisms and adverse effects induced by azathioprine treatment in Taiwanese dermatology patients. <i>Dermatologica Sinica</i> , 2014, 32, 13-18. | 0.5 | 9 |
| 49 | The Risk of Chronic Pancreatitis in Patients with Psoriasis: A Population-Based Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0160041. | 2.5 | 9 |
| 50 | Risk of fractures in vitiligo patients treated with phototherapy: A retrospective population-based cohort study. <i>Journal of Dermatological Science</i> , 2016, 82, 197-203. | 1.9 | 9 |
| 51 | Increased risk of avascular necrosis in patients with psoriatic disease: A nationwide population-based matched cohort study. <i>Journal of the American Academy of Dermatology</i> , 2017, 76, 903-910.e1. | 1.2 | 9 |
| 52 | Excimer light phototherapy of segmental and non-segmental vitiligo: experience in Taiwan. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2012, 28, 6-11. | 1.5 | 8 |
| 53 | Human leukocyte antigen and demographic characteristics in Chinese patients with active peripheral type psoriatic arthritis who had inadequate response to conventional disease-modifying antirheumatic drugs in a single dermatologic clinic. <i>PLoS ONE</i> , 2019, 14, e0210076. | 2.5 | 8 |
| 54 | Etanercept use for psoriasis in Taiwan: a case series study. <i>International Journal of Dermatology</i> , 2013, 52, 673-680. | 1.0 | 7 |

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|----|--|------|-----------|
| 55 | A Painful Bulge in the Left Flank. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 639. | 7.4 | 7 |
| 56 | Acute Rat Cutaneous Wound Healing for Small and Large Wounds Using Ar/O ₂ Atmospheric-Pressure Plasma Jet Treatment. <i>Plasma Medicine</i> , 2017, 7, 227-243. | 0.6 | 7 |
| 57 | Risk of Psoriasis Following Terbinafine or Itraconazole Treatment for Onychomycosis: A Population-Based Case-Control Comparative Study. <i>Drug Safety</i> , 2018, 41, 285-295. | 3.2 | 7 |
| 58 | National trends in incidence, mortality, hospitalizations, and expenditures for pemphigus in Taiwan. <i>Journal of Dermatological Science</i> , 2020, 99, 203-208. | 1.9 | 7 |
| 59 | Subcutaneous panniculitis-like T-cell lymphoma presenting with clinicopathologic features of dermatomyositis. <i>Journal of the American Academy of Dermatology</i> , 2011, 64, e121-e123. | 1.2 | 6 |
| 60 | Keloidal Morphea. <i>New England Journal of Medicine</i> , 2011, 364, e28. | 27.0 | 6 |
| 61 | The bidirectional association between type 2 diabetes and psoriasis: Two retrospective cohort studies. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2020, 86, 366. | 0.6 | 6 |
| 62 | Female Pattern Hair Loss in a Patient with 17 β -hydroxylase Deficiency. <i>Acta Dermato-Venereologica</i> , 2010, 90, 329-330. | 1.3 | 5 |
| 63 | Long-term control of refractory Schnitzler syndrome with anakinra: a case report. <i>Dermatologica Sinica</i> , 2010, 28, 82-86. | 0.5 | 5 |
| 64 | Transformation of myxofibrosarcoma into myxoinflammatory fibroblastic sarcoma. <i>Journal of Dermatology</i> , 2012, 39, 422-424. | 1.2 | 5 |
| 65 | The impact of long-term secukinumab treatment on Epstein-Barr virus and cytomegalovirus loads in patients with psoriasis. <i>International Journal of Dermatology</i> , 2016, 55, e600-e602. | 1.0 | 5 |
| 66 | Elephantiasis Neuromatosa. <i>New England Journal of Medicine</i> , 2013, 368, e23. | 27.0 | 4 |
| 67 | Increased risk of chronic kidney disease in patients with rosacea: A nationwide population-based matched cohort study. <i>PLoS ONE</i> , 2017, 12, e0180446. | 2.5 | 4 |
| 68 | Enhanced Probe Bonding and Fluorescence Properties through Annealed Graphene Oxide Nanosheets. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 2148-2155. | 5.2 | 4 |
| 69 | Perigastrostomy Infection Caused by <i>Mycobacterium abscessus</i> in an Immunocompetent Patient. <i>Acta Dermato-Venereologica</i> , 2010, 90, 100-101. | 1.3 | 3 |
| 70 | Localized AL Amyloidosis in a Patient with Diffuse Large B-cell Lymphoma of the Breast. <i>Acta Dermato-Venereologica</i> , 2012, 92, 284-285. | 1.3 | 3 |
| 71 | Scalp Pustules in a Patient Receiving Chemotherapy. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 1068. | 7.4 | 3 |
| 72 | Prevalence, clinical features and treatment pattern of patients with concurrent diagnoses of rheumatoid arthritis and psoriatic disease: results of a 14-year retrospective study in a tertiary referral center. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231984790. | 2.5 | 3 |

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|----|--|------|-----------|
| 73 | The Development of Controllable Magnetic Driven Microphysiological System. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 275. | 3.7 | 3 |
| 74 | Comparative risk of herpes zoster in patients with psoriatic disease on systemic treatments: a systematic review and network meta-analysis. <i>Therapeutic Advances in Chronic Disease</i> , 2022, 13, 204062232210911. | 2.5 | 3 |
| 75 | A Flord, Tiny, Discrete Eruption on the Penis. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1264. | 7.4 | 2 |
| 76 | Red Papules on the Tongue of a Patient With Hemiparesis. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 741. | 7.4 | 2 |
| 77 | Extensive scleredema adultorum with loss of eccrine glands. <i>Journal of the American Academy of Dermatology</i> , 2014, 71, e99-e101. | 1.2 | 2 |
| 78 | Development of lichen striatus in a psoriasis patient treated with adalimumab. <i>Dermatologica Sinica</i> , 2015, 33, 41-42. | 0.5 | 2 |
| 79 | Extensive cicatricial alopecia in a patient with long-term trichotillomania. <i>Journal of Dermatology</i> , 2016, 43, 226-228. | 1.2 | 2 |
| 80 | A Nationwide Cohort Study of Actinic Keratosis in Taiwan. <i>International Journal of Gerontology</i> , 2016, 10, 218-222. | 0.6 | 2 |
| 81 | Blotting paper as a disposable tool for sampling chemical residues from skin surface. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 610-613. | 1.9 | 2 |
| 82 | A mask R-CNN based automatic assessment system for nail psoriasis severity. <i>Computers in Biology and Medicine</i> , 2022, 143, 105300. | 7.0 | 2 |
| 83 | Perception of the threat, mental health burden, and healthcare-seeking behavior change among psoriasis patients during the COVID-19 pandemic. <i>PLoS ONE</i> , 2021, 16, e0259852. | 2.5 | 2 |
| 84 | Multiple Discrete, Punched-out Ulcers in a Patient With Pemphigus Vulgaris. <i>Clinical Infectious Diseases</i> , 2011, 53, 396-398. | 5.8 | 1 |
| 85 | Sudden Onset of Generalized Blisters. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 2281. | 7.4 | 1 |
| 86 | Occult Spinal Dysraphism. <i>New England Journal of Medicine</i> , 2014, 370, 466-466. | 27.0 | 1 |
| 87 | Red-Brown Plaques and Papules in a Patient With Breast Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 2182. | 7.4 | 1 |
| 88 | An investigator-initiated, open-label, single-center, proof-of-concept-study of omalizumab in patients with poorly controlled acute urticaria. <i>Dermatologica Sinica</i> , 2017, 35, 161-162. | 0.5 | 1 |
| 89 | Measurement and prediction of the severity of postinflammatory dyspigmentation after resolution of psoriatic plaques in patients treated with biologic therapy. <i>Journal of the American Academy of Dermatology</i> , 2022, 86, 642-645. | 1.2 | 1 |
| 90 | Clinical Analysis by Mass Spectrometry. , 2018, , . | | 0 |

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|----|---|-----|-----------|
| 91 | Reactivation of Epstein-Barr virus and cytomegalovirus in patients with psoriasis after ustekinumab treatment. <i>Dermatologica Sinica</i> , 2020, 38, 113. | 0.5 | 0 |
| 92 | Flat Disc-Shaped Sampling Probe and Online Re-extraction Apparatus for Mass Spectrometric Analysis of Skin Metabolites: A Proof of Concept. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2803-2811. | 2.8 | 0 |
| 93 | Depilatory laser miniaturizes hair by inducing bystander dermal papilla cell necrosis through thermal diffusion. <i>Lasers in Surgery and Medicine</i> , 2022, , . | 2.1 | 0 |